

# **5 FAH-2 H-730 VERY HIGH FREQUENCY/ULTRAHIGH FREQUENCY (VHF/UHF)**

## **5 FAH-2 H-731 VHF/UHF BROADCAST RANGE**

*(TL:TEL-1; 07-01-1998)*  
*(Uniform State/USAID/USIA)*

Within an individual mission, official U.S. Government personnel use VHF/UHF networks for line-of-sight communication between the embassy, residences of mission personnel, and official vehicles.

## **5 FAH-2 H-732 EAP NETWORKS**

### **5 FAH-2 H-732.1 Typical Network Configuration**

*(TL:TEL-1; 07-01-1998)*  
*(Uniform State/USAID/USIA)*

EAP VHF/UHF networks typically consist of base stations, mobile radios in official vehicles, portable or handheld units and a repeater. Base stations and selective call encoders are located at Marine Post 1 and the IPC, often designated the mission's safehaven. Other base stations are located at the residences of the COM, DCM, and Marines and a GSO annex. IRM/OPS/ITI/TWD/WLS (IT Infrastructure, Telecommunications Wireless and Data Services Division, Wireless Services Branch) recommends a distribution ratio of one mobile radio for each four EAP subscribers and one mobile each for the COM, DCM, MSG and security vehicles.

### **5 FAH-2 H-732.2 Operational Testing**

*(TL:TEL-1; 07-01-1998)*  
*(Uniform State/USAID/USIA)*

a. All EAP VHF/UHF radio systems must be tested weekly or as directed by the COM to ensure the operational readiness of equipment and the competence of users. Anyone who might use the networks in an emergency, including spouses and children, should participate in these tests.

b. Where Marine Security Guards (MSGs) are on site, the MSG standing watch at Post 1, under RSO supervision, should act as network control, conduct the radio tests and forward the results to the RSO and IPO for evaluation.

## **5 FAH-2 H-732.3 Rectifying Deficiencies**

*(TL:TEL-1; 07-01-1998)*

*(Uniform State/USAID/USIA)*

The IPO should train all participants to use the equipment assigned to them and arrange repairs for malfunctioning equipment. The RSO and IMO should determine appropriate action to encourage full participation in the tests. More specific maintenance guidance is provided below.

## **5 FAH-2 H-733 THROUGH H-739 UNASSIGNED**